GenCore version 5.1.6						
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OM nucleic - nucleic search, using sw model

Run on: January 7, 2004, 01:57:47 ; Search time 661.218 Seconds

(without alignments)

7116.248 Million cell updates/sec

Title: **US-09-904-568-3**

Perfect score: 1355

Sequence: 1 gggcaggcagttgaggtgga..........gtgtttcaggcagggcccgg 1355

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 2276164 seqs, 1736306516 residues

Total number of hits satisfying chosen parameters: 1227240

Minimum DB seq length: 12

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 65000 summaries

Database :   **Published_Applications_NA:***

1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq:*
10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq:*
11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq2:*
14: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
15: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
16: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
17: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
18: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID		S/L
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c1400	16	1.2	17	13	US-09-792	0.941176	
c1401	16	1.2	17	13	US-09-792	0.941176	

c29068	13	1	14	9	US-09-152	0.928571	
c29069	13	1	14	13	US-10-008	0.928571	
c29070	13	1	14	13	US-10-208	0.928571	
887	16.4	1.2	18	11	US-09-876	0.911111	
48239	12.4	0.9	14	15	US-10-103	0.885714	
48240	12.4	0.9	14	15	US-10-301	0.885714	
c5103	15	1.1	17	13	US-09-792	0.882353	
c5104	15	1.1	17	13	US-09-792	0.882353	
29071	13	1	15	10	US-09-805	0.866667	
29072	13	1	15	13	US-10-051	0.866667	
29073	13	1	15	15	US-10-056	0.866667	
29074	13	1	15	15	US-10-072	0.866667	
29075	13	1	15	15	US-10-156	0.866667	
c2504	15.4	1.1	18	9	US-09-813	0.855556	
c2505	15.4	1.1	18	13	US-09-809	0.855556	
8114	14.4	1.1	17	10	US-09-864	0.847059	
8115	14.4	1.1	17	10	US-09-864	0.847059	
c19497	13.4	1	16	12	US-10-307	0.8375	
1670	15.8	1.2	19	13	US-10-225	0.831579	
c1671	15.8	1.2	19	13	US-10-225	0.831579	
c48241	12.4	0.9	15	9	US-09-504	0.826667	
c48242	12.4	0.9	15	9	US-09-274	0.826667	
48243	12.4	0.9	15	11	US-09-754	0.826667	
48244	12.4	0.9	15	11	US-09-880	0.826667	
48245	12.4	0.9	15	15	US-10-188	0.826667	
10936	14	1	17	10	US-09-864	0.823529	
c10937	14	1	17	13	US-09-792	0.823529	
c5940	14.8	1.1	18	13	US-10-133	0.822222	
c5941	14.8	1.1	18	13	US-10-440	0.822222	
c13004	13.8	1	17	9	US-09-866	0.811765	
13005	13.8	1	17	9	US-09-866	0.811765	
13006	13.8	1	17	9	US-09-866	0.811765	
c13007	13.8	1	17	9	US-09-866	0.811765	
c13008	13.8	1	17	9	US-09-866	0.811765	
13009	13.8	1	17	9	US-09-866	0.811765	
13010	13.8	1	17	9	US-09-866	0.811765	
13011	13.8	1	17	10	US-09-864	0.811765	
13012	13.8	1	17	11	US-09-825	0.811765	
c13013	13.8	1	17	11	US-09-818	0.811765	
13014	13.8	1	17	11	US-09-818	0.811765	
c13015	13.8	1	17	11	US-09-848	0.811765	
c13016	13.8	1	17	11	US-09-848	0.811765	
c13017	13.8	1	17	11	US-09-848	0.811765	
13018	13.8	1	17	11	US-09-930	0.811765	
c13019	13.8	1	17	11	US-09-780	0.811765	
13020	13.8	1	17	11	US-09-827	0.811765	
13021	13.8	1	17	11	US-09-740	0.811765	
13022	13.8	1	17	13	US-09-745	0.811765	
c13023	13.8	1	17	13	US-09-792	0.811765	
13024	13.8	1	17	13	US-10-046	0.811765	
13025	13.8	1	17	13	US-10-238	0.811765	
c13026	13.8	1	17	13	US-10-061	0.811765	
c13027	13.8	1	17	13	US-10-061	0.811765	
c13028	13.8	1	17	13	US-10-061	0.811765	
c13029	13.8	1	17	13	US-10-061	0.811765	
c13030	13.8	1	17	13	US-10-061	0.811765	
c13031	13.8	1	17	13	US-10-061	0.811765	
13032	13.8	1	17	13	US-09-817	0.811765	
13033	13.8	1	17	13	US-10-230	0.811765	
c13034	13.8	1	17	13	US-10-209	0.811765	

13035	13.8	1	17	13	US-10-209	0.811765
13036	13.8	1	17	15	US-10-163	0.811765
13037	13.8	1	17	15	US-10-163	0.811765
c13038	13.8	1	17	15	US-10-156	0.811765
c13039	13.8	1	17	15	US-10-156	0.811765
c8116	14.4	1.1	18	10	US-09-880	0.8
c8117	14.4	1.1	18	11	US-09-967	0.8
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c34080	12.8	0.9	16	13	US-09-894	0.8
c34081	12.8	0.9	16	13	US-10-084	0.8
c34082	12.8	0.9	16	13	US-10-191	0.8
34083	12.8	0.9	16	15	US-10-214	0.8
c1672	15.8	1.2	20	10	US-09-791	0.79
c1673	15.8	1.2	20	11	US-09-842	0.79
c1674	15.8	1.2	20	13	US-10-006	0.79
1675	15.8	1.2	20	13	US-10-007	0.79
1676	15.8	1.2	20	13	US-10-322	0.79
c1677	15.8	1.2	20	15	US-10-005	0.79
19498	13.4	1	17	9	US-09-989	0.788235
19499	13.4	1	17	9	US-09-989	0.788235
19500	13.4	1	17	9	US-09-989	0.788235
19501	13.4	1	17	9	US-09-989	0.788235
19502	13.4	1	17	10	US-09-989	0.788235
19503	13.4	1	17	10	US-09-989	0.788235
19504	13.4	1	17	10	US-09-991	0.788235
19505	13.4	1	17	10	US-09-990	0.788235
19506	13.4	1	17	10	US-09-991	0.788235
19507	13.4	1	17	10	US-09-993	0.788235
19508	13.4	1	17	10	US-09-990	0.788235
19509	13.4	1	17	10	US-09-989	0.788235
19510	13.4	1	17	10	US-09-992	0.788235
19511	13.4	1	17	10	US-09-989	0.788235
19512	13.4	1	17	10	US-09-989	0.788235
19513	13.4	1	17	10	US-09-990	0.788235
19514	13.4	1	17	10	US-09-991	0.788235
19515	13.4	1	17	10	US-09-989	0.788235
19516	13.4	1	17	10	US-09-990	0.788235
19517	13.4	1	17	10	US-09-993	0.788235
19518	13.4	1	17	11	US-09-989	0.788235
19519	13.4	1	17	11	US-09-997	0.788235
19520	13.4	1	17	11	US-09-993	0.788235
19521	13.4	1	17	11	US-09-997	0.788235
19522	13.4	1	17	11	US-09-997	0.788235
19523	13.4	1	17	11	US-09-990	0.788235
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19525	13.4	1	17	11	US-09-990	0.788235
19526	13.4	1	17	11	US-09-989	0.788235
19527	13.4	1	17	11	US-09-998	0.788235
19528	13.4	1	17	11	US-09-990	0.788235
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19530	13.4	1	17	11	US-09-997	0.788235
19531	13.4	1	17	11	US-09-997	0.788235
19532	13.4	1	17	11	US-09-991	0.788235
19533	13.4	1	17	11	US-09-818	0.788235
c19534	13.4	1	17	11	US-09-818	0.788235
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c19536	13.4	1	17	11	US-09-818	0.788235
19537	13.4	1	17	11	US-09-818	0.788235
c19538	13.4	1	17	11	US-09-818	0.788235

c19539	13.4	1	17	11	US-09-818	0.788235	
19540	13.4	1	17	11	US-09-818	0.788235	
19541	13.4	1	17	11	US-09-990	0.788235	
19542	13.4	1	17	11	US-09-997	0.788235	
19543	13.4	1	17	11	US-09-997	0.788235	
19544	13.4	1	17	11	US-09-990	0.788235	
19545	13.4	1	17	11	US-09-991	0.788235	
19546	13.4	1	17	11	US-09-997	0.788235	
19547	13.4	1	17	11	US-09-997	0.788235	
19548	13.4	1	17	11	US-09-989	0.788235	
19549	13.4	1	17	11	US-09-997	0.788235	
19550	13.4	1	17	11	US-09-997	0.788235	
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19555	13.4	1	17	11	US-09-990	0.788235	
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19557	13.4	1	17	11	US-09-989	0.788235	
19558	13.4	1	17	11	US-09-993	0.788235	
19559	13.4	1	17	11	US-09-941	0.788235	
19560	13.4	1	17	11	US-09-992	0.788235	
19561	13.4	1	17	11	US-09-997	0.788235	
19562	13.4	1	17	11	US-09-997	0.788235	
19563	13.4	1	17	11	US-09-930	0.788235	
19564	13.4	1	17	11	US-09-930	0.788235	
19565	13.4	1	17	11	US-09-998	0.788235	
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19570	13.4	1	17	13	US-09-989	0.788235	
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c19577	13.4	1	17	13	US-10-238	0.788235	
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c19579	13.4	1	17	13	US-10-061	0.788235	
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c19581	13.4	1	17	13	US-10-061	0.788235	
c19582	13.4	1	17	13	US-10-061	0.788235	
19583	13.4	1	17	13	US-10-210	0.788235	
19584	13.4	1	17	13	US-10-211	0.788235	
c19585	13.4	1	17	13	US-10-339	0.788235	
19586	13.4	1	17	13	US-10-230	0.788235	
19587	13.4	1	17	13	US-10-230	0.788235	
19588	13.4	1	17	13	US-10-209	0.788235	
c19589	13.4	1	17	13	US-10-209	0.788235	
19590	13.4	1	17	13	US-10-209	0.788235	
c19591	13.4	1	17	13	US-10-209	0.788235	
19592	13.4	1	17	13	US-10-209	0.788235	
c19593	13.4	1	17	13	US-10-209	0.788235	
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19595	13.4	1	17	13	US-10-209	0.788235	
19596	13.4	1	17	13	US-10-219	0.788235	
19597	13.4	1	17	15	US-10-060	0.788235	
19598	13.4	1	17	15	US-10-060	0.788235	

19599	13.4	1	17	15	US-10-060	0.788235	
19600	13.4	1	17	15	US-10-100	0.788235	
c19601	13.4	1	17	15	US-10-060	0.788235	
c19602	13.4	1	17	15	US-10-060	0.788235	
c19603	13.4	1	17	15	US-10-060	0.788235	
c19604	13.4	1	17	15	US-10-156	0.788235	
19605	13.4	1	17	15	US-10-156	0.788235	
19606	13.4	1	17	15	US-10-156	0.788235	
19607	13.4	1	17	15	US-10-156	0.788235	
19608	13.4	1	17	15	US-10-156	0.788235	
19609	13.4	1	17	15	US-10-156	0.788235	
c19610	13.4	1	17	15	US-10-156	0.788235	
19611	13.4	1	17	15	US-10-156	0.788235	
c 19	18.8	1.4	24	11	US-09-978	0.783333	
c 378	17.2	1.3	22	15	US-10-184	0.781818	
c5942	14.8	1.1	19	10	US-09-969	0.778947	
5943	14.8	1.1	19	13	US-10-225	0.778947	
5944	14.8	1.1	19	13	US-10-225	0.778947	
c5945	14.8	1.1	19	13	US-10-225	0.778947	
c5946	14.8	1.1	19	13	US-10-225	0.778947	
c48246	12.4	0.9	16	9	US-09-829	0.775	
1168	16.2	1.2	21	13	US-10-083	0.771429	
c2506	15.4	1.1	20	13	US-10-024	0.77	
c13040	13.8	1	18	10	US-09-848	0.766667	
13041	13.8	1	18	11	US-09-961	0.766667	
c13042	13.8	1	18	11	US-09-539	0.766667	
13043	13.8	1	18	13	US-10-251	0.766667	
c13044	13.8	1	18	13	US-10-440	0.766667	
c13045	13.8	1	18	15	US-10-067	0.766667	
c13046	13.8	1	18	15	US-10-067	0.766667	
13047	13.8	1	18	15	US-10-146	0.766667	
c13048	13.8	1	18	15	US-10-067	0.766667	
c29076	13	1	17	11	US-09-848	0.764706	
c29077	13	1	17	11	US-09-848	0.764706	
c29078	13	1	17	11	US-09-848	0.764706	
c29079	13	1	17	11	US-09-848	0.764706	
29080	13	1	17	13	US-10-352	0.764706	
29081	13	1	17	13	US-10-340	0.764706	
29082	13	1	17	15	US-10-060	0.764706	
29083	13	1	17	15	US-10-060	0.764706	
29084	13	1	17	15	US-10-156	0.764706	
29085	13	1	17	15	US-10-156	0.764706	
29086	13	1	17	15	US-10-156	0.764706	
29087	13	1	17	15	US-10-156	0.764706	
29088	13	1	17	15	US-10-156	0.764706	
c29089	13	1	17	15	US-10-156	0.764706	
c29090	13	1	17	15	US-10-156	0.764706	
c3116	15.2	1.1	20	10	US-09-780	0.76	
c3117	15.2	1.1	20	11	US-09-989	0.76	
3118	15.2	1.1	20	11	US-09-948	0.76	
3119	15.2	1.1	20	11	US-09-954	0.76	
3120	15.2	1.1	20	15	US-10-116	0.76	
3121	15.2	1.1	20	15	US-10-116	0.76	
3122	15.2	1.1	20	15	US-10-067	0.76	
3123	15.2	1.1	20	15	US-10-271	0.76	
c8119	14.4	1.1	19	10	US-09-880	0.757895	
c8120	14.4	1.1	19	13	US-10-114	0.757895	
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34099	12.8	0.9	17	9	US-09-866	0.752941	
34100	12.8	0.9	17	9	US-09-866	0.752941	
34101	12.8	0.9	17	9	US-09-866	0.752941	
c34102	12.8	0.9	17	9	US-09-866	0.752941	
c34103	12.8	0.9	17	9	US-09-866	0.752941	
c34104	12.8	0.9	17	9	US-09-866	0.752941	
c34105	12.8	0.9	17	9	US-09-866	0.752941	
34106	12.8	0.9	17	9	US-09-730	0.752941	
34107	12.8	0.9	17	10	US-09-864	0.752941	
34108	12.8	0.9	17	10	US-09-864	0.752941	
c34109	12.8	0.9	17	10	US-09-864	0.752941	
34110	12.8	0.9	17	10	US-09-864	0.752941	
c34111	12.8	0.9	17	10	US-09-864	0.752941	
c34112	12.8	0.9	17	10	US-09-864	0.752941	
c34113	12.8	0.9	17	10	US-09-864	0.752941	
c34114	12.8	0.9	17	10	US-09-864	0.752941	
c34115	12.8	0.9	17	10	US-09-864	0.752941	
34116	12.8	0.9	17	10	US-09-864	0.752941	
34117	12.8	0.9	17	11	US-09-825	0.752941	
34118	12.8	0.9	17	11	US-09-961	0.752941	
34119	12.8	0.9	17	11	US-09-961	0.752941	
34120	12.8	0.9	17	11	US-09-269	0.752941	
c34121	12.8	0.9	17	11	US-09-730	0.752941	
c34122	12.8	0.9	17	11	US-09-730	0.752941	
34123	12.8	0.9	17	11	US-09-730	0.752941	
c34124	12.8	0.9	17	11	US-09-818	0.752941	
34125	12.8	0.9	17	11	US-09-818	0.752941	
34126	12.8	0.9	17	11	US-09-818	0.752941	
c34127	12.8	0.9	17	11	US-09-818	0.752941	
c34128	12.8	0.9	17	11	US-09-877	0.752941	
c34129	12.8	0.9	17	11	US-09-877	0.752941	
34130	12.8	0.9	17	11	US-09-877	0.752941	
34131	12.8	0.9	17	11	US-09-848	0.752941	
c34132	12.8	0.9	17	11	US-09-848	0.752941	
c34133	12.8	0.9	17	11	US-09-848	0.752941	
34134	12.8	0.9	17	11	US-09-848	0.752941	
c34135	12.8	0.9	17	11	US-09-848	0.752941	
34136	12.8	0.9	17	11	US-09-848	0.752941	
34137	12.8	0.9	17	11	US-09-930	0.752941	
c34138	12.8	0.9	17	11	US-09-930	0.752941	
34139	12.8	0.9	17	11	US-09-930	0.752941	
c34140	12.8	0.9	17	11	US-09-930	0.752941	
34141	12.8	0.9	17	11	US-09-930	0.752941	
34142	12.8	0.9	17	11	US-09-930	0.752941	
c34143	12.8	0.9	17	11	US-09-930	0.752941	
c34144	12.8	0.9	17	11	US-09-930	0.752941	
c34145	12.8	0.9	17	11	US-09-780	0.752941	
c34146	12.8	0.9	17	11	US-09-780	0.752941	

34147	12.8	0.9	17	11	US-09-509	0.752941	
34148	12.8	0.9	17	11	US-09-827	0.752941	
c34149	12.8	0.9	17	11	US-09-827	0.752941	
c34150	12.8	0.9	17	11	US-09-827	0.752941	
34151	12.8	0.9	17	11	US-09-827	0.752941	
34152	12.8	0.9	17	11	US-09-827	0.752941	
c34153	12.8	0.9	17	11	US-09-740	0.752941	
c34154	12.8	0.9	17	11	US-09-740	0.752941	
34155	12.8	0.9	17	11	US-09-740	0.752941	
34156	12.8	0.9	17	12	US-10-297	0.752941	
34157	12.8	0.9	17	12	US-10-297	0.752941	
34158	12.8	0.9	17	12	US-10-297	0.752941	
34159	12.8	0.9	17	12	US-10-297	0.752941	
34160	12.8	0.9	17	12	US-10-297	0.752941	
c34161	12.8	0.9	17	12	US-10-307	0.752941	
34162	12.8	0.9	17	12	US-10-307	0.752941	
c34163	12.8	0.9	17	12	US-10-307	0.752941	
34164	12.8	0.9	17	12	US-10-307	0.752941	
34165	12.8	0.9	17	13	US-09-745	0.752941	
c34166	12.8	0.9	17	13	US-09-745	0.752941	
34167	12.8	0.9	17	13	US-09-745	0.752941	
c34168	12.8	0.9	17	13	US-09-745	0.752941	
34169	12.8	0.9	17	13	US-09-745	0.752941	
34170	12.8	0.9	17	13	US-09-745	0.752941	
c34171	12.8	0.9	17	13	US-09-745	0.752941	
c34172	12.8	0.9	17	13	US-09-745	0.752941	
34173	12.8	0.9	17	13	US-09-792	0.752941	
c34174	12.8	0.9	17	13	US-09-792	0.752941	
34175	12.8	0.9	17	13	US-09-792	0.752941	
34176	12.8	0.9	17	13	US-10-071	0.752941	
c34177	12.8	0.9	17	13	US-10-238	0.752941	
34178	12.8	0.9	17	13	US-10-238	0.752941	
c34179	12.8	0.9	17	13	US-10-238	0.752941	
c34180	12.8	0.9	17	13	US-10-238	0.752941	
34181	12.8	0.9	17	13	US-10-061	0.752941	
34182	12.8	0.9	17	13	US-10-061	0.752941	
34183	12.8	0.9	17	13	US-10-061	0.752941	
34184	12.8	0.9	17	13	US-10-061	0.752941	
c34185	12.8	0.9	17	13	US-10-061	0.752941	
c34186	12.8	0.9	17	13	US-10-061	0.752941	
c34187	12.8	0.9	17	13	US-10-061	0.752941	
c34188	12.8	0.9	17	13	US-10-061	0.752941	
34189	12.8	0.9	17	13	US-10-339	0.752941	
c34190	12.8	0.9	17	13	US-09-817	0.752941	
c34191	12.8	0.9	17	13	US-09-817	0.752941	
34192	12.8	0.9	17	13	US-09-817	0.752941	
c34193	12.8	0.9	17	13	US-10-340	0.752941	
34194	12.8	0.9	17	13	US-10-230	0.752941	
34195	12.8	0.9	17	13	US-10-230	0.752941	
c34196	12.8	0.9	17	13	US-10-260	0.752941	
34197	12.8	0.9	17	13	US-10-260	0.752941	
c34198	12.8	0.9	17	13	US-10-209	0.752941	
34199	12.8	0.9	17	13	US-10-209	0.752941	
34200	12.8	0.9	17	13	US-10-209	0.752941	
c34201	12.8	0.9	17	13	US-10-209	0.752941	
c34202	12.8	0.9	17	15	US-10-060	0.752941	
c34203	12.8	0.9	17	15	US-10-060	0.752941	
c34204	12.8	0.9	17	15	US-10-060	0.752941	
c34205	12.8	0.9	17	15	US-10-060	0.752941	
34206	12.8	0.9	17	15	US-10-060	0.752941	

34207	12.8	0.9	17		15	US-10-060	0.752941
34208	12.8	0.9	17		15	US-10-163	0.752941
34209	12.8	0.9	17		15	US-10-163	0.752941
c34210	12.8	0.9	17		15	US-10-156	0.752941
34211	12.8	0.9	17		15	US-10-156	0.752941
34212	12.8	0.9	17		15	US-10-156	0.752941
34213	12.8	0.9	17		15	US-10-156	0.752941
c34214	12.8	0.9	17		15	US-10-156	0.752941
34215	12.8	0.9	17		16	US-10-218	0.752941
9550	14.2	1	19		11	US-09-880	0.747368
9551	14.2	1	19		13	US-10-225	0.747368
c9552	14.2	1	19		13	US-10-225	0.747368
c19612	13.4	1	18		10	US-09-847	0.744444
c19613	13.4	1	18		10	US-09-880	0.744444
19614	13.4	1	18		13	US-10-106	0.744444
19615	13.4	1	18		13	US-09-823	0.744444
19616	13.4	1	18		13	US-10-109	0.744444
19617	13.4	1	18		13	US-10-440	0.744444
c5947	14.8	1.1	20		11	US-09-539	0.74
c5948	14.8	1.1	20		11	US-09-919	0.74
5949	14.8	1.1	20		12	US-10-313	0.74
c5950	14.8	1.1	20		13	US-10-238	0.74
c5951	14.8	1.1	20		15	US-10-067	0.74
c5952	14.8	1.1	20		15	US-10-067	0.74
c5953	14.8	1.1	20		15	US-10-067	0.74
c5954	14.8	1.1	20		15	US-10-263	0.74
10938	14	1	19		10	US-09-953	0.736842
c10939	14	1	19		11	US-09-880	0.736842
10940	14	1	19		11	US-09-226	0.736842
c24819	13.2	1	18		8	US-08-887	0.733333
c24820	13.2	1	18		9	US-09-875	0.733333
24821	13.2	1	18		10	US-09-901	0.733333
24822	13.2	1	18		10	US-09-771	0.733333
24823	13.2	1	18		10	US-09-263	0.733333
24824	13.2	1	18		10	US-09-853	0.733333
24825	13.2	1	18		11	US-09-782	0.733333
24826	13.2	1	18		13	US-10-133	0.733333
24827	13.2	1	18		13	US-10-424	0.733333
24828	13.2	1	18		14	US-10-046	0.733333
c24829	13.2	1	18		15	US-10-077	0.733333
24830	13.2	1	18		15	US-10-181	0.733333
24831	13.2	1	18		15	US-10-067	0.733333
24832	13.2	1	18		15	US-10-188	0.733333
48247	12.4	0.9	17		9	US-09-788	0.729412
48248	12.4	0.9	17		9	US-09-866	0.729412
48249	12.4	0.9	17		9	US-09-866	0.729412
48250	12.4	0.9	17		9	US-09-866	0.729412
48251	12.4	0.9	17		9	US-09-866	0.729412
c48252	12.4	0.9	17		9	US-09-866	0.729412
c48253	12.4	0.9	17		9	US-09-866	0.729412
c48254	12.4	0.9	17		9	US-09-866	0.729412
c48255	12.4	0.9	17		9	US-09-866	0.729412
48256	12.4	0.9	17		9	US-09-866	0.729412
48257	12.4	0.9	17		9	US-09-866	0.729412
48258	12.4	0.9	17		9	US-09-866	0.729412
48259	12.4	0.9	17		9	US-09-866	0.729412
48260	12.4	0.9	17		9	US-09-866	0.729412
48261	12.4	0.9	17		9	US-09-866	0.729412
48262	12.4	0.9	17		9	US-09-866	0.729412
48263	12.4	0.9	17		9	US-09-866	0.729412

48264	12.4	0.9	17	9	US-09-866	0.729412	
48265	12.4	0.9	17	9	US-09-866	0.729412	
c48266	12.4	0.9	17	9	US-09-866	0.729412	
c48267	12.4	0.9	17	9	US-09-866	0.729412	
c48268	12.4	0.9	17	9	US-09-866	0.729412	
c48269	12.4	0.9	17	9	US-09-866	0.729412	
c48270	12.4	0.9	17	9	US-09-866	0.729412	
c48271	12.4	0.9	17	9	US-09-866	0.729412	
c48272	12.4	0.9	17	9	US-09-866	0.729412	
c48273	12.4	0.9	17	9	US-09-866	0.729412	
48274	12.4	0.9	17	9	US-09-866	0.729412	
48275	12.4	0.9	17	9	US-09-866	0.729412	
48276	12.4	0.9	17	9	US-09-866	0.729412	
48277	12.4	0.9	17	9	US-09-866	0.729412	
c48278	12.4	0.9	17	9	US-09-866	0.729412	
c48279	12.4	0.9	17	9	US-09-866	0.729412	
c48280	12.4	0.9	17	9	US-09-866	0.729412	
c48281	12.4	0.9	17	9	US-09-866	0.729412	
c48282	12.4	0.9	17	9	US-09-866	0.729412	
c48283	12.4	0.9	17	9	US-09-866	0.729412	
c48284	12.4	0.9	17	9	US-09-866	0.729412	
c48285	12.4	0.9	17	9	US-09-866	0.729412	
c48286	12.4	0.9	17	9	US-09-866	0.729412	
c48287	12.4	0.9	17	9	US-09-866	0.729412	
c48288	12.4	0.9	17	9	US-09-866	0.729412	
c48289	12.4	0.9	17	9	US-09-866	0.729412	
48290	12.4	0.9	17	9	US-09-090	0.729412	
48291	12.4	0.9	17	10	US-09-788	0.729412	
c48292	12.4	0.9	17	10	US-09-864	0.729412	
c48293	12.4	0.9	17	10	US-09-864	0.729412	
c48294	12.4	0.9	17	10	US-09-864	0.729412	
48295	12.4	0.9	17	11	US-09-825	0.729412	
48296	12.4	0.9	17	11	US-09-825	0.729412	
48297	12.4	0.9	17	11	US-09-825	0.729412	
c48298	12.4	0.9	17	11	US-09-825	0.729412	
c48299	12.4	0.9	17	11	US-09-961	0.729412	
48300	12.4	0.9	17	11	US-09-730	0.729412	
c48301	12.4	0.9	17	11	US-09-818	0.729412	
48302	12.4	0.9	17	11	US-09-818	0.729412	
c48303	12.4	0.9	17	11	US-09-877	0.729412	
c48304	12.4	0.9	17	11	US-09-877	0.729412	
c48305	12.4	0.9	17	11	US-09-877	0.729412	
c48306	12.4	0.9	17	11	US-09-877	0.729412	
c48307	12.4	0.9	17	11	US-09-877	0.729412	
c48308	12.4	0.9	17	11	US-09-877	0.729412	
c48309	12.4	0.9	17	11	US-09-877	0.729412	
48310	12.4	0.9	17	11	US-09-848	0.729412	
48311	12.4	0.9	17	11	US-09-848	0.729412	
48312	12.4	0.9	17	11	US-09-848	0.729412	
48313	12.4	0.9	17	11	US-09-848	0.729412	
48314	12.4	0.9	17	11	US-09-848	0.729412	
48315	12.4	0.9	17	11	US-09-930	0.729412	
c48316	12.4	0.9	17	11	US-09-930	0.729412	
c48317	12.4	0.9	17	11	US-09-930	0.729412	
c48318	12.4	0.9	17	11	US-09-780	0.729412	
c48319	12.4	0.9	17	11	US-09-780	0.729412	
c48320	12.4	0.9	17	11	US-09-780	0.729412	
c48321	12.4	0.9	17	11	US-09-780	0.729412	
48322	12.4	0.9	17	11	US-09-827	0.729412	
48323	12.4	0.9	17	11	US-09-827	0.729412	

48324	12.4	0.9	17	11	US-09-827	0.729412	
48325	12.4	0.9	17	11	US-09-827	0.729412	
48326	12.4	0.9	17	11	US-09-827	0.729412	
48327	12.4	0.9	17	11	US-09-827	0.729412	
48328	12.4	0.9	17	11	US-09-827	0.729412	
48329	12.4	0.9	17	11	US-09-827	0.729412	
48330	12.4	0.9	17	11	US-09-827	0.729412	
c48331	12.4	0.9	17	11	US-09-740	0.729412	
c48332	12.4	0.9	17	11	US-09-740	0.729412	
48333	12.4	0.9	17	11	US-09-740	0.729412	
48334	12.4	0.9	17	11	US-09-740	0.729412	
48335	12.4	0.9	17	13	US-09-745	0.729412	
c48336	12.4	0.9	17	13	US-09-745	0.729412	
c48337	12.4	0.9	17	13	US-09-745	0.729412	
48338	12.4	0.9	17	13	US-10-238	0.729412	
48339	12.4	0.9	17	13	US-10-238	0.729412	
c48340	12.4	0.9	17	13	US-10-061	0.729412	
c48341	12.4	0.9	17	13	US-10-061	0.729412	
c48342	12.4	0.9	17	13	US-10-061	0.729412	
c48343	12.4	0.9	17	13	US-10-061	0.729412	
c48344	12.4	0.9	17	13	US-10-159	0.729412	
48345	12.4	0.9	17	13	US-10-339	0.729412	
c48346	12.4	0.9	17	13	US-09-817	0.729412	
c48347	12.4	0.9	17	13	US-09-817	0.729412	
48348	12.4	0.9	17	13	US-09-817	0.729412	
48349	12.4	0.9	17	13	US-09-817	0.729412	
48350	12.4	0.9	17	13	US-10-220	0.729412	
c48351	12.4	0.9	17	13	US-10-338	0.729412	
48352	12.4	0.9	17	13	US-10-230	0.729412	
c48353	12.4	0.9	17	13	US-10-230	0.729412	
c48354	12.4	0.9	17	13	US-10-230	0.729412	
48355	12.4	0.9	17	13	US-10-230	0.729412	
c48356	12.4	0.9	17	13	US-10-230	0.729412	
48357	12.4	0.9	17	13	US-10-230	0.729412	
48358	12.4	0.9	17	13	US-09-730	0.729412	
c48359	12.4	0.9	17	13	US-10-209	0.729412	
48360	12.4	0.9	17	13	US-10-209	0.729412	
c48361	12.4	0.9	17	13	US-10-360	0.729412	
48362	12.4	0.9	17	15	US-10-106	0.729412	
c48363	12.4	0.9	17	15	US-10-060	0.729412	
c48364	12.4	0.9	17	15	US-10-060	0.729412	
c48365	12.4	0.9	17	15	US-10-060	0.729412	
c48366	12.4	0.9	17	15	US-10-060	0.729412	
c48367	12.4	0.9	17	15	US-10-060	0.729412	
c48368	12.4	0.9	17	15	US-10-060	0.729412	
48369	12.4	0.9	17	15	US-10-060	0.729412	
48370	12.4	0.9	17	15	US-10-060	0.729412	
48371	12.4	0.9	17	15	US-10-060	0.729412	
48372	12.4	0.9	17	15	US-10-060	0.729412	
48373	12.4	0.9	17	15	US-10-060	0.729412	
c48374	12.4	0.9	17	15	US-10-060	0.729412	
c48375	12.4	0.9	17	15	US-10-060	0.729412	
48376	12.4	0.9	17	15	US-10-163	0.729412	
48377	12.4	0.9	17	15	US-10-163	0.729412	
c48378	12.4	0.9	17	15	US-10-163	0.729412	
48379	12.4	0.9	17	15	US-10-163	0.729412	
48380	12.4	0.9	17	15	US-10-163	0.729412	
c48381	12.4	0.9	17	15	US-10-156	0.729412	
48382	12.4	0.9	17	15	US-10-156	0.729412	
48383	12.4	0.9	17	15	US-10-156	0.729412	

48384	12.4	0.9	17	15	US-10-156	0.729412
48385	12.4	0.9	17	15	US-10-156	0.729412
48386	12.4	0.9	17	15	US-10-156	0.729412
48387	12.4	0.9	17	15	US-10-156	0.729412
48388	12.4	0.9	17	15	US-10-156	0.729412
48389	12.4	0.9	17	15	US-10-156	0.729412
48390	12.4	0.9	17	15	US-10-156	0.729412
48391	12.4	0.9	17	15	US-10-156	0.729412
c48392	12.4	0.9	17	15	US-10-156	0.729412
48393	12.4	0.9	17	15	US-10-156	0.729412
c48394	12.4	0.9	17	15	US-10-156	0.729412
c48395	12.4	0.9	17	15	US-10-156	0.729412
c48396	12.4	0.9	17	15	US-10-156	0.729412
c48397	12.4	0.9	17	15	US-10-156	0.729412
c 109	18.2	1.3	25	13	US-10-061	0.728
c 110	18.2	1.3	25	13	US-10-061	0.728
c 111	18.2	1.3	25	13	US-10-061	0.728
c13049	13.8	1	19	9	US-09-726	0.726316
c13050	13.8	1	19	11	US-09-996	0.726316
c13051	13.8	1	19	11	US-09-370	0.726316
c13052	13.8	1	19	13	US-10-313	0.726316
13053	13.8	1	19	13	US-10-225	0.726316
c13054	13.8	1	19	13	US-10-225	0.726316
c13055	13.8	1	19	13	US-10-180	0.726316
c13056	13.8	1	19	13	US-10-180	0.726316
c13057	13.8	1	19	13	US-10-084	0.726316
c13058	13.8	1	19	13	US-10-352	0.726316
13059	13.8	1	19	13	US-10-205	0.726316
13060	13.8	1	19	13	US-10-205	0.726316
c13061	13.8	1	19	13	US-10-205	0.726316
c13062	13.8	1	19	13	US-10-205	0.726316
c3124	15.2	1.1	21	8	US-08-844	0.72381
c3125	15.2	1.1	21	13	US-10-016	0.72381
c8121	14.4	1.1	20	8	US-08-983	0.72
c8122	14.4	1.1	20	9	US-09-752	0.72
c8123	14.4	1.1	20	10	US-09-877	0.72
c8124	14.4	1.1	20	11	US-09-863	0.72
c8125	14.4	1.1	20	11	US-09-920	0.72
c8126	14.4	1.1	20	12	US-10-307	0.72
c8127	14.4	1.1	20	12	US-10-388	0.72
8128	14.4	1.1	20	13	US-10-137	0.72
c8129	14.4	1.1	20	13	US-10-005	0.72
c8130	14.4	1.1	20	13	US-10-147	0.72
1678	15.8	1.2	22	13	US-10-189	0.718182
1679	15.8	1.2	22	13	US-10-189	0.718182
58903	12.2	0.9	17	9	US-09-866	0.717647
c58904	12.2	0.9	17	9	US-09-866	0.717647
c58905	12.2	0.9	17	9	US-09-866	0.717647
58906	12.2	0.9	17	9	US-09-866	0.717647
58907	12.2	0.9	17	9	US-09-866	0.717647
58908	12.2	0.9	17	9	US-09-866	0.717647
c58909	12.2	0.9	17	9	US-09-866	0.717647
c58910	12.2	0.9	17	9	US-09-866	0.717647
c58911	12.2	0.9	17	9	US-09-866	0.717647
58912	12.2	0.9	17	9	US-09-866	0.717647
58913	12.2	0.9	17	9	US-09-866	0.717647
58914	12.2	0.9	17	9	US-09-866	0.717647
58915	12.2	0.9	17	9	US-09-866	0.717647
58916	12.2	0.9	17	9	US-09-866	0.717647
58917	12.2	0.9	17	9	US-09-866	0.717647

58918	12.2	0.9	17	9	US-09-866	0.717647	
58919	12.2	0.9	17	9	US-09-866	0.717647	
58920	12.2	0.9	17	9	US-09-866	0.717647	
58921	12.2	0.9	17	9	US-09-866	0.717647	
58922	12.2	0.9	17	9	US-09-866	0.717647	
58923	12.2	0.9	17	9	US-09-866	0.717647	
c58924	12.2	0.9	17	9	US-09-866	0.717647	
58925	12.2	0.9	17	9	US-09-866	0.717647	
58926	12.2	0.9	17	9	US-09-866	0.717647	
58927	12.2	0.9	17	9	US-09-866	0.717647	
c58928	12.2	0.9	17	9	US-09-866	0.717647	
c58929	12.2	0.9	17	9	US-09-866	0.717647	
58930	12.2	0.9	17	9	US-09-866	0.717647	
c58931	12.2	0.9	17	9	US-09-866	0.717647	
58932	12.2	0.9	17	9	US-09-866	0.717647	
58933	12.2	0.9	17	9	US-09-866	0.717647	
58934	12.2	0.9	17	9	US-09-866	0.717647	
58935	12.2	0.9	17	9	US-09-866	0.717647	
58936	12.2	0.9	17	9	US-09-866	0.717647	
c58937	12.2	0.9	17	9	US-09-866	0.717647	
58938	12.2	0.9	17	9	US-09-866	0.717647	
c58939	12.2	0.9	17	9	US-09-866	0.717647	
c58940	12.2	0.9	17	9	US-09-866	0.717647	
58941	12.2	0.9	17	9	US-09-866	0.717647	
58942	12.2	0.9	17	9	US-09-866	0.717647	
c58943	12.2	0.9	17	9	US-09-866	0.717647	
c58944	12.2	0.9	17	9	US-09-866	0.717647	
58945	12.2	0.9	17	9	US-09-726	0.717647	
c58946	12.2	0.9	17	9	US-09-420	0.717647	
58947	12.2	0.9	17	10	US-09-827	0.717647	
c58948	12.2	0.9	17	10	US-09-827	0.717647	
58949	12.2	0.9	17	10	US-09-827	0.717647	
58950	12.2	0.9	17	10	US-09-827	0.717647	
58951	12.2	0.9	17	10	US-09-822	0.717647	
c58952	12.2	0.9	17	10	US-09-901	0.717647	
c58953	12.2	0.9	17	10	US-09-969	0.717647	
c58954	12.2	0.9	17	10	US-09-853	0.717647	
c58955	12.2	0.9	17	10	US-09-864	0.717647	
c58956	12.2	0.9	17	10	US-09-864	0.717647	
c58957	12.2	0.9	17	10	US-09-864	0.717647	
c58958	12.2	0.9	17	10	US-09-864	0.717647	
58959	12.2	0.9	17	10	US-09-864	0.717647	
c58960	12.2	0.9	17	10	US-09-864	0.717647	
c58961	12.2	0.9	17	10	US-09-864	0.717647	
c58962	12.2	0.9	17	10	US-09-864	0.717647	
58963	12.2	0.9	17	10	US-09-864	0.717647	
58964	12.2	0.9	17	10	US-09-864	0.717647	
58965	12.2	0.9	17	10	US-09-864	0.717647	
58966	12.2	0.9	17	10	US-09-864	0.717647	
58967	12.2	0.9	17	10	US-09-864	0.717647	
c58968	12.2	0.9	17	10	US-09-864	0.717647	
c58969	12.2	0.9	17	11	US-09-825	0.717647	
58970	12.2	0.9	17	11	US-09-825	0.717647	
58971	12.2	0.9	17	11	US-09-825	0.717647	
58972	12.2	0.9	17	11	US-09-825	0.717647	
58973	12.2	0.9	17	11	US-09-825	0.717647	
58974	12.2	0.9	17	11	US-09-825	0.717647	
58975	12.2	0.9	17	11	US-09-961	0.717647	
58976	12.2	0.9	17	11	US-09-961	0.717647	
58977	12.2	0.9	17	11	US-09-961	0.717647	

58978	12.2	0.9	17	11	US-09-961	0.717647	
c58979	12.2	0.9	17	11	US-09-730	0.717647	
c58980	12.2	0.9	17	11	US-09-730	0.717647	
c58981	12.2	0.9	17	11	US-09-730	0.717647	
c58982	12.2	0.9	17	11	US-09-730	0.717647	
58983	12.2	0.9	17	11	US-09-818	0.717647	
c58984	12.2	0.9	17	11	US-09-818	0.717647	
c58985	12.2	0.9	17	11	US-09-818	0.717647	
58986	12.2	0.9	17	11	US-09-818	0.717647	
58987	12.2	0.9	17	11	US-09-818	0.717647	
c58988	12.2	0.9	17	11	US-09-818	0.717647	
c58989	12.2	0.9	17	11	US-09-818	0.717647	
58990	12.2	0.9	17	11	US-09-818	0.717647	
c58991	12.2	0.9	17	11	US-09-784	0.717647	
58992	12.2	0.9	17	11	US-09-784	0.717647	
58993	12.2	0.9	17	11	US-09-780	0.717647	
58994	12.2	0.9	17	11	US-09-780	0.717647	
58995	12.2	0.9	17	11	US-09-780	0.717647	
c58996	12.2	0.9	17	11	US-09-780	0.717647	
58997	12.2	0.9	17	11	US-09-877	0.717647	
58998	12.2	0.9	17	11	US-09-877	0.717647	
58999	12.2	0.9	17	11	US-09-877	0.717647	
c59000	12.2	0.9	17	11	US-09-877	0.717647	
59001	12.2	0.9	17	11	US-09-877	0.717647	
59002	12.2	0.9	17	11	US-09-877	0.717647	
59003	12.2	0.9	17	11	US-09-877	0.717647	
c59004	12.2	0.9	17	11	US-09-877	0.717647	
59005	12.2	0.9	17	11	US-09-877	0.717647	
59006	12.2	0.9	17	11	US-09-877	0.717647	
c59007	12.2	0.9	17	11	US-09-848	0.717647	
c59008	12.2	0.9	17	11	US-09-848	0.717647	
c59009	12.2	0.9	17	11	US-09-848	0.717647	
59010	12.2	0.9	17	11	US-09-848	0.717647	
c59011	12.2	0.9	17	11	US-09-848	0.717647	
59012	12.2	0.9	17	11	US-09-848	0.717647	
59013	12.2	0.9	17	11	US-09-848	0.717647	
c59014	12.2	0.9	17	11	US-09-848	0.717647	
59015	12.2	0.9	17	11	US-09-848	0.717647	
c59016	12.2	0.9	17	11	US-09-848	0.717647	
c59017	12.2	0.9	17	11	US-09-848	0.717647	
59018	12.2	0.9	17	11	US-09-848	0.717647	
59019	12.2	0.9	17	11	US-09-848	0.717647	
59020	12.2	0.9	17	11	US-09-848	0.717647	
59021	12.2	0.9	17	11	US-09-848	0.717647	
59022	12.2	0.9	17	11	US-09-848	0.717647	
59023	12.2	0.9	17	11	US-09-848	0.717647	
59024	12.2	0.9	17	11	US-09-848	0.717647	
c59025	12.2	0.9	17	11	US-09-848	0.717647	
c59026	12.2	0.9	17	11	US-09-848	0.717647	
c59027	12.2	0.9	17	11	US-09-848	0.717647	
59028	12.2	0.9	17	11	US-09-848	0.717647	
c59029	12.2	0.9	17	11	US-09-776	0.717647	
c59030	12.2	0.9	17	11	US-09-776	0.717647	
59031	12.2	0.9	17	11	US-09-930	0.717647	
59032	12.2	0.9	17	11	US-09-930	0.717647	
c59033	12.2	0.9	17	11	US-09-930	0.717647	
c59034	12.2	0.9	17	11	US-09-930	0.717647	
59035	12.2	0.9	17	11	US-09-930	0.717647	
c59036	12.2	0.9	17	11	US-09-930	0.717647	
c59037	12.2	0.9	17	11	US-09-930	0.717647	

59038	12.2	0.9	17	11	US-09-930	0.717647	
59039	12.2	0.9	17	11	US-09-930	0.717647	
59040	12.2	0.9	17	11	US-09-930	0.717647	
59041	12.2	0.9	17	11	US-09-930	0.717647	
c59042	12.2	0.9	17	11	US-09-930	0.717647	
c59043	12.2	0.9	17	11	US-09-930	0.717647	
c59044	12.2	0.9	17	11	US-09-930	0.717647	
59045	12.2	0.9	17	11	US-09-930	0.717647	
59046	12.2	0.9	17	11	US-09-930	0.717647	
c59047	12.2	0.9	17	11	US-09-930	0.717647	
c59048	12.2	0.9	17	11	US-09-780	0.717647	
59049	12.2	0.9	17	11	US-09-780	0.717647	
59050	12.2	0.9	17	11	US-09-780	0.717647	
59051	12.2	0.9	17	11	US-09-780	0.717647	
59052	12.2	0.9	17	11	US-09-827	0.717647	
59053	12.2	0.9	17	11	US-09-827	0.717647	
c59054	12.2	0.9	17	11	US-09-827	0.717647	
59055	12.2	0.9	17	11	US-09-827	0.717647	
c59056	12.2	0.9	17	11	US-09-827	0.717647	
c59057	12.2	0.9	17	11	US-09-827	0.717647	
c59058	12.2	0.9	17	11	US-09-740	0.717647	
c59059	12.2	0.9	17	11	US-09-740	0.717647	
59060	12.2	0.9	17	11	US-09-740	0.717647	
59061	12.2	0.9	17	11	US-09-740	0.717647	
c59062	12.2	0.9	17	11	US-09-740	0.717647	
c59063	12.2	0.9	17	11	US-09-740	0.717647	
59064	12.2	0.9	17	11	US-09-740	0.717647	
59065	12.2	0.9	17	11	US-09-740	0.717647	
c59066	12.2	0.9	17	11	US-09-740	0.717647	
c59067	12.2	0.9	17	11	US-09-740	0.717647	
59068	12.2	0.9	17	11	US-09-740	0.717647	
c59069	12.2	0.9	17	11	US-09-740	0.717647	
59070	12.2	0.9	17	11	US-09-740	0.717647	
c59071	12.2	0.9	17	11	US-09-740	0.717647	
c59072	12.2	0.9	17	11	US-09-740	0.717647	
59073	12.2	0.9	17	11	US-09-740	0.717647	
c59074	12.2	0.9	17	12	US-10-297	0.717647	
59075	12.2	0.9	17	12	US-10-307	0.717647	
c59076	12.2	0.9	17	12	US-10-307	0.717647	
59077	12.2	0.9	17	12	US-10-307	0.717647	
c59078	12.2	0.9	17	12	US-10-307	0.717647	
59079	12.2	0.9	17	12	US-10-307	0.717647	
c59080	12.2	0.9	17	12	US-10-307	0.717647	
59081	12.2	0.9	17	13	US-09-745	0.717647	
59082	12.2	0.9	17	13	US-09-745	0.717647	
c59083	12.2	0.9	17	13	US-09-745	0.717647	
c59084	12.2	0.9	17	13	US-09-745	0.717647	
59085	12.2	0.9	17	13	US-09-745	0.717647	
c59086	12.2	0.9	17	13	US-09-745	0.717647	
c59087	12.2	0.9	17	13	US-09-745	0.717647	
59088	12.2	0.9	17	13	US-09-745	0.717647	
59089	12.2	0.9	17	13	US-09-745	0.717647	
59090	12.2	0.9	17	13	US-09-745	0.717647	
59091	12.2	0.9	17	13	US-09-745	0.717647	
c59092	12.2	0.9	17	13	US-09-745	0.717647	
c59093	12.2	0.9	17	13	US-09-745	0.717647	
c59094	12.2	0.9	17	13	US-09-745	0.717647	
59095	12.2	0.9	17	13	US-09-745	0.717647	
59096	12.2	0.9	17	13	US-09-745	0.717647	
c59097	12.2	0.9	17	13	US-09-745	0.717647	

c59098	12.2	0.9	17	13	US-09-792	0.717647	
59099	12.2	0.9	17	13	US-09-792	0.717647	
c59100	12.2	0.9	17	13	US-10-238	0.717647	
59101	12.2	0.9	17	13	US-10-238	0.717647	
59102	12.2	0.9	17	13	US-10-238	0.717647	
c59103	12.2	0.9	17	13	US-10-238	0.717647	
c59104	12.2	0.9	17	13	US-10-238	0.717647	
c59105	12.2	0.9	17	13	US-10-238	0.717647	
c59106	12.2	0.9	17	13	US-10-238	0.717647	
c59107	12.2	0.9	17	13	US-10-061	0.717647	
c59108	12.2	0.9	17	13	US-10-061	0.717647	
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59110	12.2	0.9	17	13	US-10-061	0.717647	
59111	12.2	0.9	17	13	US-10-061	0.717647	
c59112	12.2	0.9	17	13	US-10-061	0.717647	
59113	12.2	0.9	17	13	US-10-061	0.717647	
59114	12.2	0.9	17	13	US-10-061	0.717647	
c59115	12.2	0.9	17	13	US-10-061	0.717647	
59116	12.2	0.9	17	13	US-10-133	0.717647	
59117	12.2	0.9	17	13	US-10-133	0.717647	
c59118	12.2	0.9	17	13	US-10-339	0.717647	
c59119	12.2	0.9	17	13	US-10-339	0.717647	
c59120	12.2	0.9	17	13	US-09-817	0.717647	
c59121	12.2	0.9	17	13	US-09-817	0.717647	
59122	12.2	0.9	17	13	US-09-817	0.717647	
59123	12.2	0.9	17	13	US-09-817	0.717647	
c59124	12.2	0.9	17	13	US-09-817	0.717647	
c59125	12.2	0.9	17	13	US-09-817	0.717647	
59126	12.2	0.9	17	13	US-09-817	0.717647	
59127	12.2	0.9	17	13	US-09-817	0.717647	
c59128	12.2	0.9	17	13	US-09-817	0.717647	
c59129	12.2	0.9	17	13	US-09-817	0.717647	
59130	12.2	0.9	17	13	US-09-817	0.717647	
c59131	12.2	0.9	17	13	US-09-817	0.717647	
59132	12.2	0.9	17	13	US-09-817	0.717647	
c59133	12.2	0.9	17	13	US-09-817	0.717647	
c59134	12.2	0.9	17	13	US-09-817	0.717647	
59135	12.2	0.9	17	13	US-09-817	0.717647	
c59136	12.2	0.9	17	13	US-10-339	0.717647	
59137	12.2	0.9	17	13	US-10-339	0.717647	
59138	12.2	0.9	17	13	US-10-230	0.717647	
59139	12.2	0.9	17	13	US-10-230	0.717647	
59140	12.2	0.9	17	13	US-10-230	0.717647	
c59141	12.2	0.9	17	13	US-10-230	0.717647	
59142	12.2	0.9	17	13	US-10-209	0.717647	
c59143	12.2	0.9	17	13	US-10-209	0.717647	
c59144	12.2	0.9	17	13	US-10-209	0.717647	
59145	12.2	0.9	17	13	US-10-209	0.717647	
59146	12.2	0.9	17	13	US-10-209	0.717647	
c59147	12.2	0.9	17	13	US-10-209	0.717647	
c59148	12.2	0.9	17	13	US-10-209	0.717647	
59149	12.2	0.9	17	13	US-10-209	0.717647	
59150	12.2	0.9	17	14	US-10-041	0.717647	
59151	12.2	0.9	17	15	US-10-060	0.717647	
c59152	12.2	0.9	17	15	US-10-060	0.717647	
59153	12.2	0.9	17	15	US-10-060	0.717647	
59154	12.2	0.9	17	15	US-10-060	0.717647	
c59155	12.2	0.9	17	15	US-10-060	0.717647	
59156	12.2	0.9	17	15	US-10-060	0.717647	
c59157	12.2	0.9	17	15	US-10-060	0.717647	

c59158	12.2	0.9	17	15	US-10-060	0.717647	
c59159	12.2	0.9	17	15	US-10-060	0.717647	
c59160	12.2	0.9	17	15	US-10-060	0.717647	
59161	12.2	0.9	17	15	US-10-060	0.717647	
59162	12.2	0.9	17	15	US-10-060	0.717647	
59163	12.2	0.9	17	15	US-10-060	0.717647	
c59164	12.2	0.9	17	15	US-10-060	0.717647	
59165	12.2	0.9	17	15	US-10-060	0.717647	
c59166	12.2	0.9	17	15	US-10-060	0.717647	
c59167	12.2	0.9	17	15	US-10-060	0.717647	
c59168	12.2	0.9	17	15	US-10-060	0.717647	
c59169	12.2	0.9	17	15	US-10-060	0.717647	
c59170	12.2	0.9	17	15	US-10-060	0.717647	
59171	12.2	0.9	17	15	US-10-287	0.717647	
c59172	12.2	0.9	17	15	US-10-203	0.717647	
c59173	12.2	0.9	17	15	US-10-211	0.717647	
c59174	12.2	0.9	17	15	US-10-211	0.717647	
c59175	12.2	0.9	17	15	US-10-211	0.717647	
c59176	12.2	0.9	17	15	US-10-060	0.717647	
c59177	12.2	0.9	17	15	US-10-060	0.717647	
c59178	12.2	0.9	17	15	US-10-060	0.717647	
c59179	12.2	0.9	17	15	US-10-060	0.717647	
c59180	12.2	0.9	17	15	US-10-060	0.717647	
c59181	12.2	0.9	17	15	US-10-060	0.717647	
c59182	12.2	0.9	17	15	US-10-060	0.717647	
59183	12.2	0.9	17	15	US-10-163	0.717647	
c59184	12.2	0.9	17	15	US-10-163	0.717647	
59185	12.2	0.9	17	15	US-10-163	0.717647	
59186	12.2	0.9	17	15	US-10-163	0.717647	
59187	12.2	0.9	17	15	US-10-163	0.717647	
59188	12.2	0.9	17	15	US-10-163	0.717647	
c59189	12.2	0.9	17	15	US-10-163	0.717647	
59190	12.2	0.9	17	15	US-10-156	0.717647	
59191	12.2	0.9	17	15	US-10-156	0.717647	
59192	12.2	0.9	17	15	US-10-156	0.717647	
c59193	12.2	0.9	17	15	US-10-156	0.717647	
59194	12.2	0.9	17	15	US-10-156	0.717647	
59195	12.2	0.9	17	15	US-10-156	0.717647	
59196	12.2	0.9	17	15	US-10-156	0.717647	
c59197	12.2	0.9	17	15	US-10-156	0.717647	
59198	12.2	0.9	17	15	US-10-156	0.717647	
c59199	12.2	0.9	17	15	US-10-156	0.717647	
c59200	12.2	0.9	17	15	US-10-156	0.717647	
59201	12.2	0.9	17	15	US-10-156	0.717647	
c59202	12.2	0.9	17	15	US-10-156	0.717647	
c59203	12.2	0.9	17	15	US-10-156	0.717647	
59204	12.2	0.9	17	15	US-10-156	0.717647	
c59205	12.2	0.9	17	15	US-10-156	0.717647	
59206	12.2	0.9	17	15	US-10-156	0.717647	
59207	12.2	0.9	17	15	US-10-156	0.717647	
59208	12.2	0.9	17	15	US-10-156	0.717647	
59209	12.2	0.9	17	15	US-10-156	0.717647	
59210	12.2	0.9	17	15	US-10-156	0.717647	
c5105	15	1.1	21	9	US-09-765	0.714286	
c5106	15	1.1	21	9	US-09-765	0.714286	
c 156	17.8	1.3	25	13	US-10-061	0.712	
c 157	17.8	1.3	25	13	US-10-061	0.712	
34216	12.8	0.9	18	9	US-09-742	0.711111	
c34217	12.8	0.9	18	9	US-09-853	0.711111	
c34218	12.8	0.9	18	9	US-09-853	0.711111	

c34219	12.8	0.9	18	10	US-09-951	0.711111	
c34220	12.8	0.9	18	10	US-09-969	0.711111	
c34221	12.8	0.9	18	10	US-09-969	0.711111	
c34222	12.8	0.9	18	10	US-09-897	0.711111	
c34223	12.8	0.9	18	10	US-09-963	0.711111	
c34224	12.8	0.9	18	10	US-09-834	0.711111	
c34225	12.8	0.9	18	10	US-09-783	0.711111	
c34226	12.8	0.9	18	11	US-09-961	0.711111	
34227	12.8	0.9	18	11	US-09-961	0.711111	
34228	12.8	0.9	18	11	US-09-906	0.711111	
c34229	12.8	0.9	18	11	US-09-951	0.711111	
34230	12.8	0.9	18	11	US-09-978	0.711111	
34231	12.8	0.9	18	11	US-09-864	0.711111	
34232	12.8	0.9	18	12	US-10-297	0.711111	
c34233	12.8	0.9	18	12	US-10-297	0.711111	
34234	12.8	0.9	18	12	US-10-297	0.711111	
c34235	12.8	0.9	18	12	US-10-297	0.711111	
34236	12.8	0.9	18	12	US-10-297	0.711111	
34237	12.8	0.9	18	12	US-10-297	0.711111	
34238	12.8	0.9	18	12	US-10-388	0.711111	
c34239	12.8	0.9	18	12	US-10-271	0.711111	
c34240	12.8	0.9	18	12	US-10-277	0.711111	
34241	12.8	0.9	18	12	US-10-388	0.711111	
34242	12.8	0.9	18	13	US-10-168	0.711111	
34243	12.8	0.9	18	13	US-10-300	0.711111	
c34244	12.8	0.9	18	13	US-10-133	0.711111	
c34245	12.8	0.9	18	13	US-10-133	0.711111	
c34246	12.8	0.9	18	13	US-10-302	0.711111	
34247	12.8	0.9	18	13	US-10-394	0.711111	
34248	12.8	0.9	18	13	US-10-084	0.711111	
c34249	12.8	0.9	18	13	US-10-303	0.711111	
c34250	12.8	0.9	18	13	US-10-302	0.711111	
c34251	12.8	0.9	18	13	US-10-236	0.711111	
c34252	12.8	0.9	18	15	US-10-004	0.711111	
34253	12.8	0.9	18	15	US-10-004	0.711111	
34254	12.8	0.9	18	15	US-10-197	0.711111	
34255	12.8	0.9	18	15	US-10-172	0.711111	
c9553	14.2	1	20	9	US-09-758	0.71	
c9554	14.2	1	20	9	US-09-758	0.71	
c9555	14.2	1	20	9	US-09-992	0.71	
9556	14.2	1	20	11	US-09-774	0.71	
c9557	14.2	1	20	11	US-09-915	0.71	
c9558	14.2	1	20	11	US-09-953	0.71	
c9559	14.2	1	20	11	US-09-972	0.71	
9560	14.2	1	20	13	US-10-006	0.71	
c9561	14.2	1	20	13	US-10-371	0.71	
9562	14.2	1	20	13	US-10-384	0.71	
c9563	14.2	1	20	13	US-09-843	0.71	
c9564	14.2	1	20	13	US-10-356	0.71	
9565	14.2	1	20	13	US-10-148	0.71	
c9566	14.2	1	20	13	US-10-148	0.71	
c9567	14.2	1	20	15	US-10-111	0.71	
9568	14.2	1	20	15	US-10-216	0.71	
9569	14.2	1	20	15	US-10-010	0.71	
c5955	14.8	1.1	21	15	US-10-139	0.704762	
c10941	14	1	20	9	US-09-799	0.7	
c10942	14	1	20	9	US-09-730	0.7	
c10943	14	1	20	13	US-10-004	0.7	
10944	14	1	20	13	US-10-234	0.7	
10945	14	1	20	13	US-10-005	0.7	

10946	14	1	20	15	US-10-056	0.7	
10947	14	1	20	15	US-10-080	0.7	
10948	14	1	20	15	US-10-086	0.7	
10949	14	1	20	15	US-10-071	0.7	
10950	14	1	20	15	US-10-008	0.7	